hydrobiologia volume 297 (1995), contents

no. 1
Special issue: Sediment–Water Interaction 5
Guest Editor: H. L. Golterman

W. K. Dodds: Availability, uptake and regeneration of phosphate in mesocosms with varied levels of P deficiency 1
M. J. Boavida & R. T. Marques: Low activity of alkaline phosphatase in two eutrophic reservoirs 11
J. L. Pérez-Lloréns & F. X. Niell: Short-term phosphate uptake kinetics in *Zostera noltii* Hornem: a comparison between excised leaves and sediment-rooted plants 17
V. Mesnage & B. Picot: The distribution of phosphate in sediments and its relation with eutrophication of a Mediterranean coastal lagoon 29
H. L. Golterman: The role of the ironhydroxide-phosphate-sulphide system in the phosphate exchange between sediments and overlying water 43
V. H. Conzonno & A. Fernández Cirelli: Dissolved organic matter in Chascomús Pond (Argentina). Influence of calcium carbonate on humic acid concentration 55
C. Freeman, P. J. Chapman, K. Gilman, M. A. Lock, B. Reynolds & H. S. Wheater: Ion exchange mechanisms and the entrapment of nutrients by river biofilms 61
S. Maran, G. Ciceri & W. Martinotti: Mathematical models for estimating fluxes at the sediment–water interface in benthic chamber experiments 67
M. M. Alaoui & L. Aleya: Assessment of the eutrophication of Al Massira reservoir (Morocco) by means of a survey of the biogeochemical balance of phosphate 75

no. 2

H. Kunz: Contribution to the knowledge of the genus *Phyllopodopsyllus* T. Scott (Copepoda, Harpacticoida) from Africa with description of two new species 83
P. F. M. Verdonschot: Typology of macrofaunal assemblages: a tool for the management of running waters in The Netherlands 99
M. A. Di Siervi, A. A. Mariazzi & J. L. Donadelli: Bacterioplankton and phytoplankton production in a large patagonian reservoir (República Argentina) 123
K. P. Brodersen: The effect of wind exposure and filamentous algae on the distribution of surf zone macroinvertebrates in Lake Esrom, Denmark 131
R. S. Stemberger: The influence of mixing on rotifer assemblages of Michigan lakes 149
J. T. Walls, A. J. Blackman & D. A. Ritz: Localisation of the amathamide alkaloids in surface bacteria of *Amathia wilsoni* Kirkpatrick, 1888 (Bryozoa: Ctenostomata) 163

no. 3

A. Oren, P. Gurevich, D. A. Anati, E. Barkan & B. Luz: A bloom of *Dunaliella parva* in the Dead Sea in 1992: biological and biogeochemical aspects 173
K. Hamburger, P. C. Dall & C. Lindegaard: Effects of oxygen deficiency on survival and glycogen content of *Chironomus anthracinus* (Diptera, Chironomidae) under laboratory and field conditions 187
R. J. Stevenson & K. D. White: A comparison of natural and human determinants of phytoplankton communities in the Kentucky River basin, USA 201

J. Qin & D. A. Culver: Effect of young-of-the-year walleye (Percidae: *Stizostedion vitreum*) on plankton dynamics and water quality in ponds 217

P. Denny, R. Bailey, E. Tukahirwa & P. Mafabi: Heavy metal contamination of Lake George (Uganda) and its wetlands 229

J. Notenboom, R. Serrano, I. Morell & F. Hernández: The phreatic aquifer of the 'Plana de Castellón' (Spain): relationships between animal assemblages and groundwater pollution 241

Book reviews in Hydrobiologia/Books received 251

Book reviews 257

Author index 259